Serviceanweisung

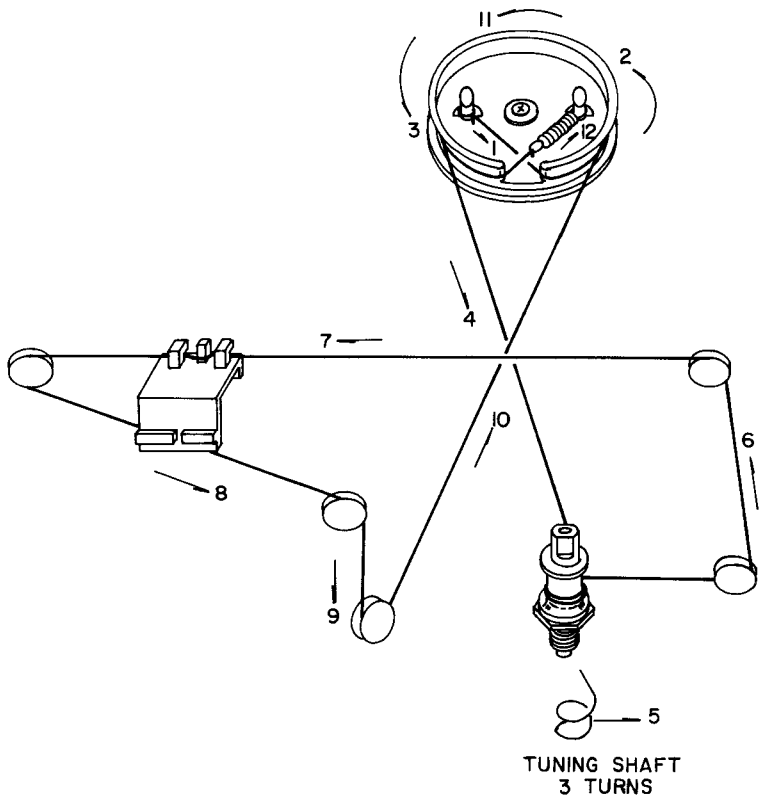
Service manual

TS 1422

Ident-Nr. 16 554 00-941

U3 1

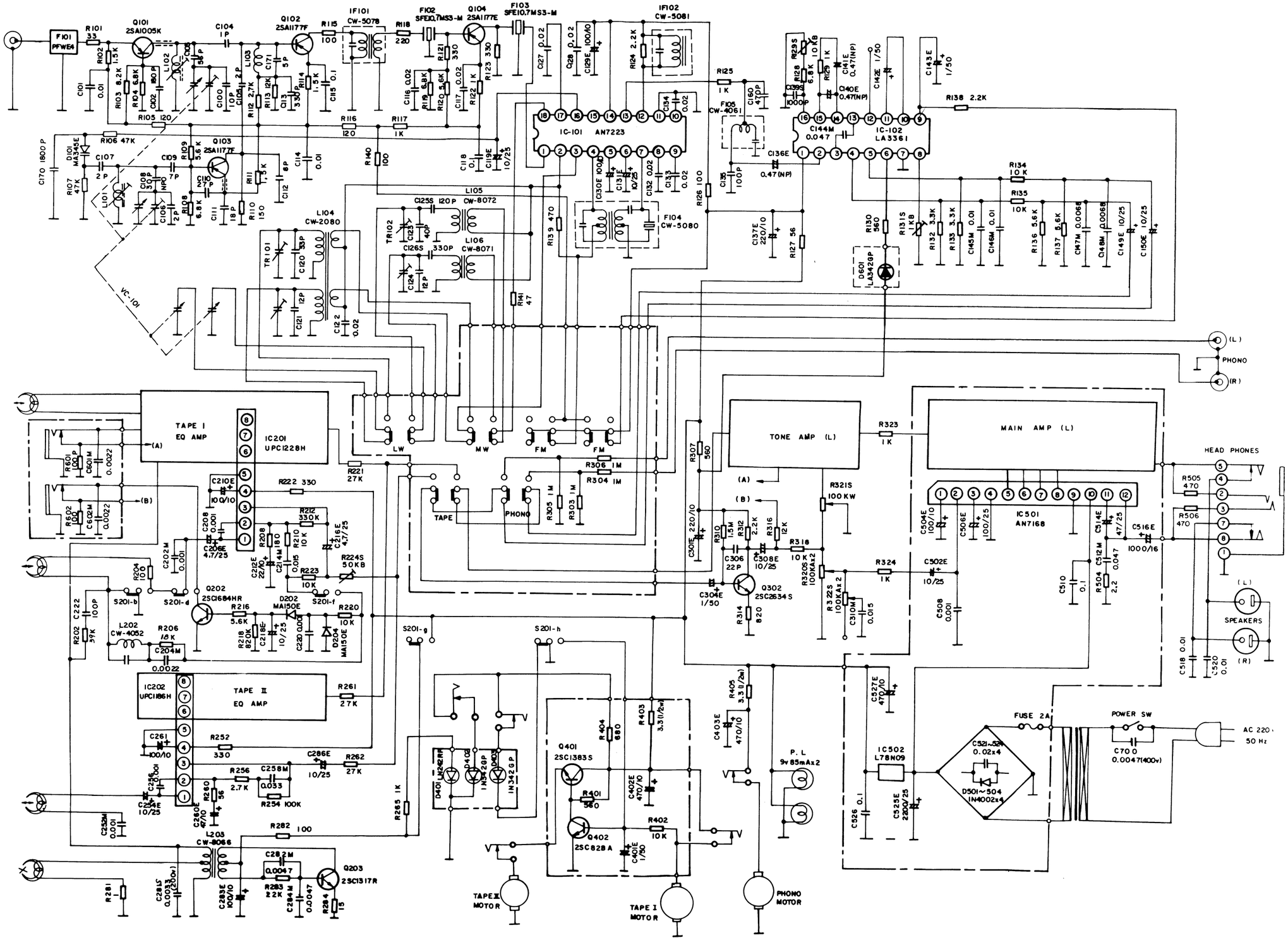
Seilzugführung
Stringing diagram



Bestell-Nr./Part No.	Bezeichnung/Description	Position
2436000-301	Trans 2 SA 1005 K	Q101
2436100-301	Trans 2 SA 1177 E	Q102.103
2436100-301	Trans 2 SA 1177 F	Q104
1394400-301	Trans 2 SC 1684 HR	Q201.202
0372800-301	Trans 2 SC 1317 R	Q203
2453300-301	Trans 2 SC 2634 S	Q301.302
0371300-301	Trans 2 SC 1383 S	Q401
0372600-301	Trans 2 SC 828 A	Q402
1209600-3043	Kapazitätsdiode Vari. Cap Diode MA 345 E	D101
0800800-304	Diode MA 150 E	D201.202. 203.204
1123900-3041	Diode IN 4002	D501.502. 503.504
2453400-3045	LED LN 242 RP	D401
2453500-3045	LED LN 342 GP	D402.403. 601
2453600-3253	Oszillatorspule/Tape OSC Coil	L203
2456800-317	Drehkondensator/ Poly variable condenser	VC1
2436200-302	IC AN 7223	IC101
2159600-302	IC LA 3361	IC102

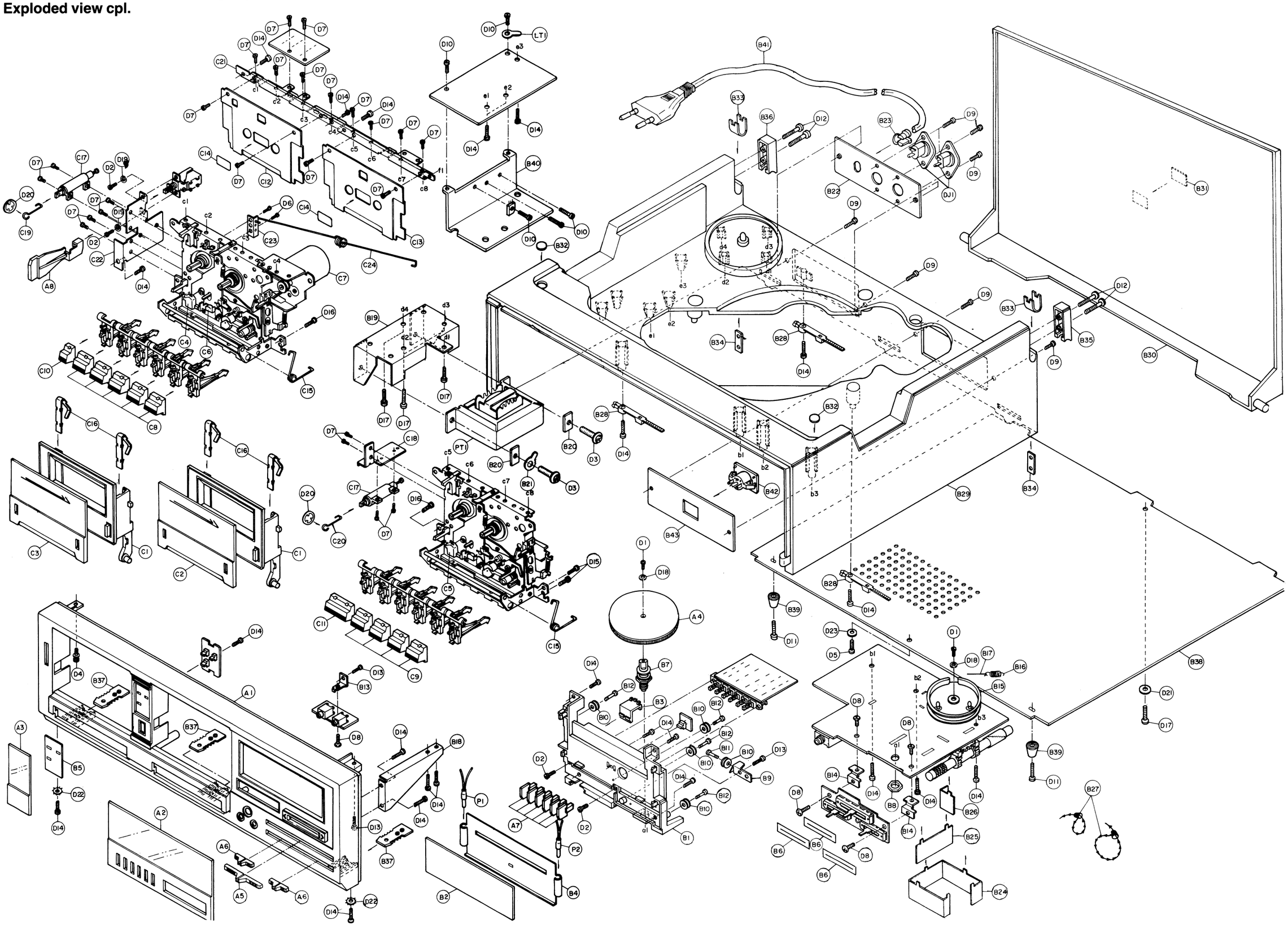
Bestell-Nr./Part No.	Bezeichnung/Description	Position
2453700-302	IC UPC 1228 H	IC201
2453800-302	IC UPC 1186 H	IC202
2453900-302	IC AN 7168	IC501
2454000-302	IC LN 8 N 09	IC502
2454100-3222	Schieberegler Balance/ Slide switch resistor balance	VR320S
2454200-3222	Schieberegler Volume/ Slide switch resistor volume	VR321S
2454300-3222	Schieberegler Tone/ Slide switch resistor tone	VR322S
2454400-3273	Netzschalter/Power switch	
2454500-502	Hauptplatine/Main P. C. Board 1422	
2454600-502	Motorplatine/Motor P. C. Board 1422	
2454700-502	LED-Platine/LED P. C. Board 1422	
2454800-502	Reglerplatine/Volume P. C. B.	
2454900-502	Schalterplatine/Function SW. P. C. B.	
2455000-502	Aufn. LED-Platine/Rec. LED P. C. B.	
2455100-502	Mic.-Buchsen-Platine/Mic Jack P. C. B.	
2455200-502	Netz-/NF-Platine/Audio P. C. B.	

Schaltbild
Schematic

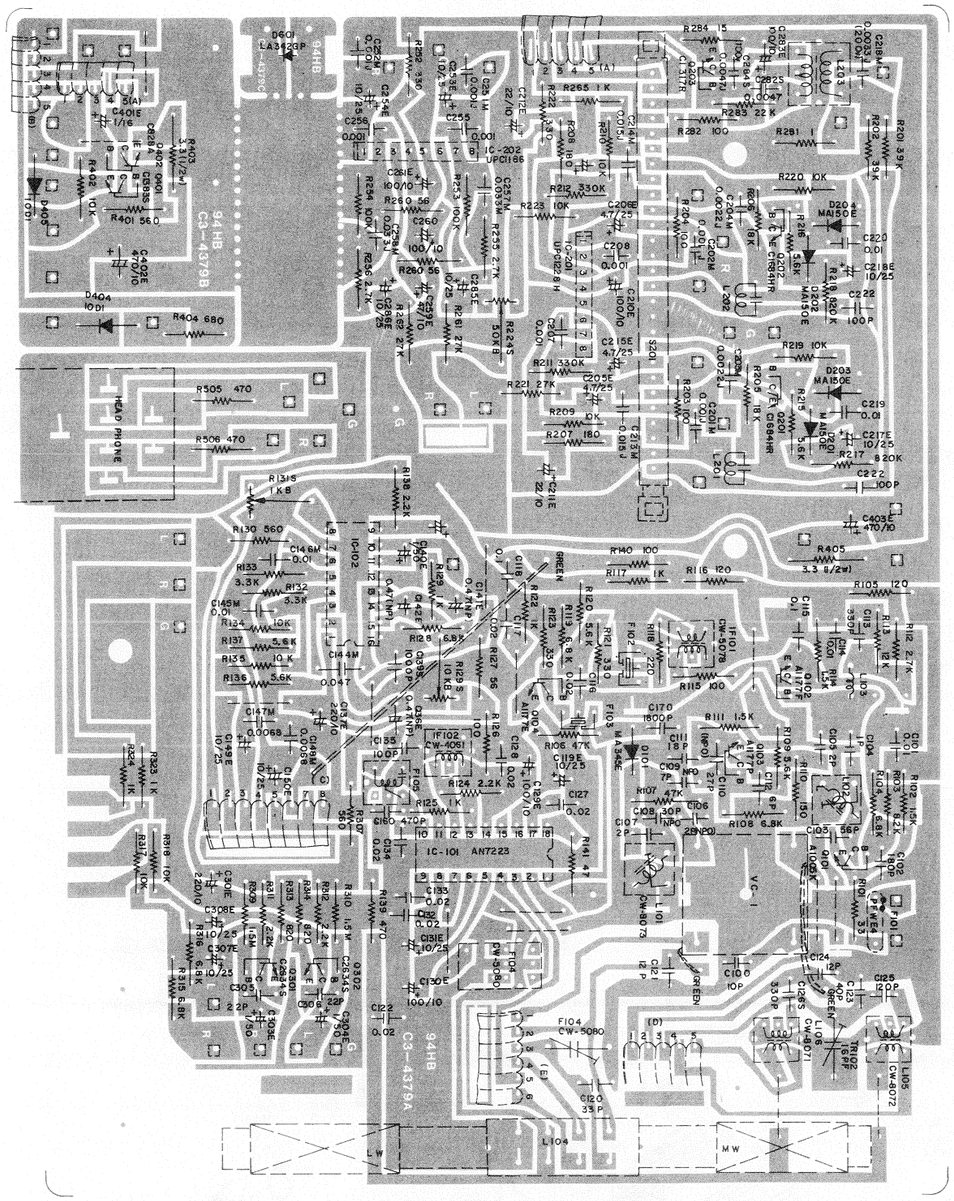


Explosionsdarstellung kpl.

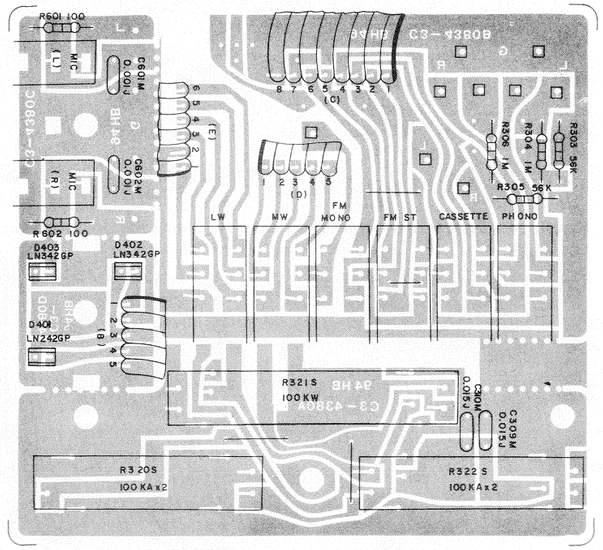
Exploded view cpl.



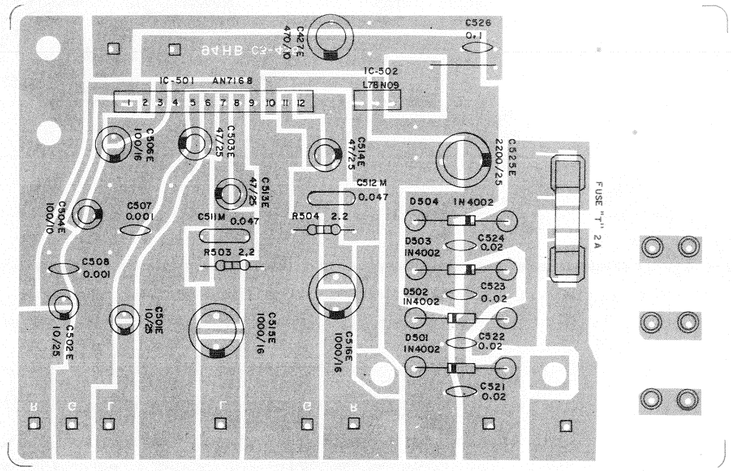
Hauptplatine mit Motor- und LED-Platine
Main P. C. B. with Motor- and LED-P. C. B.



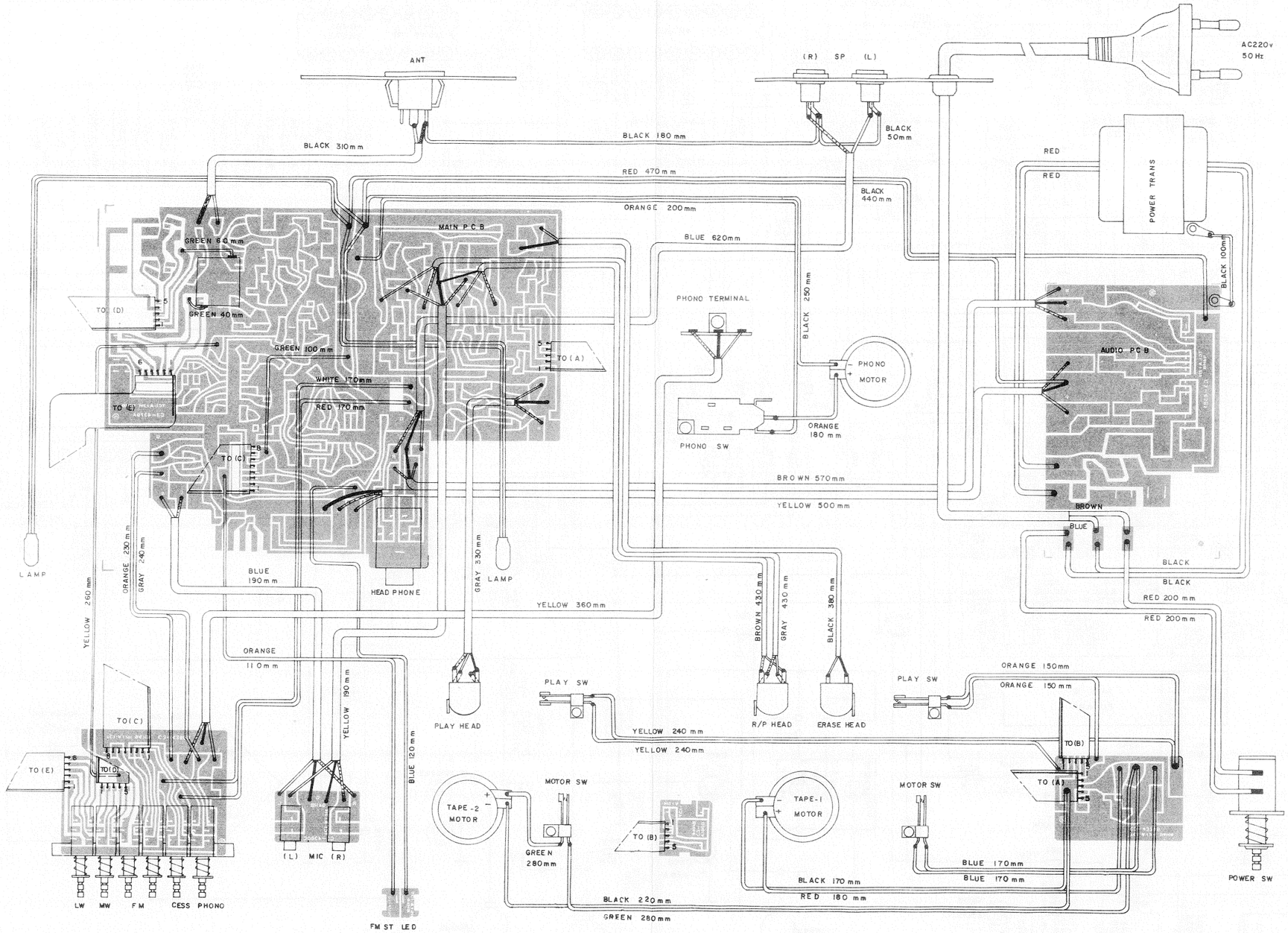
Regler- und Schalter-Platine
Volume and Function switch P. C. B.



Netz-/NF-Platine
Audio P. C. B.

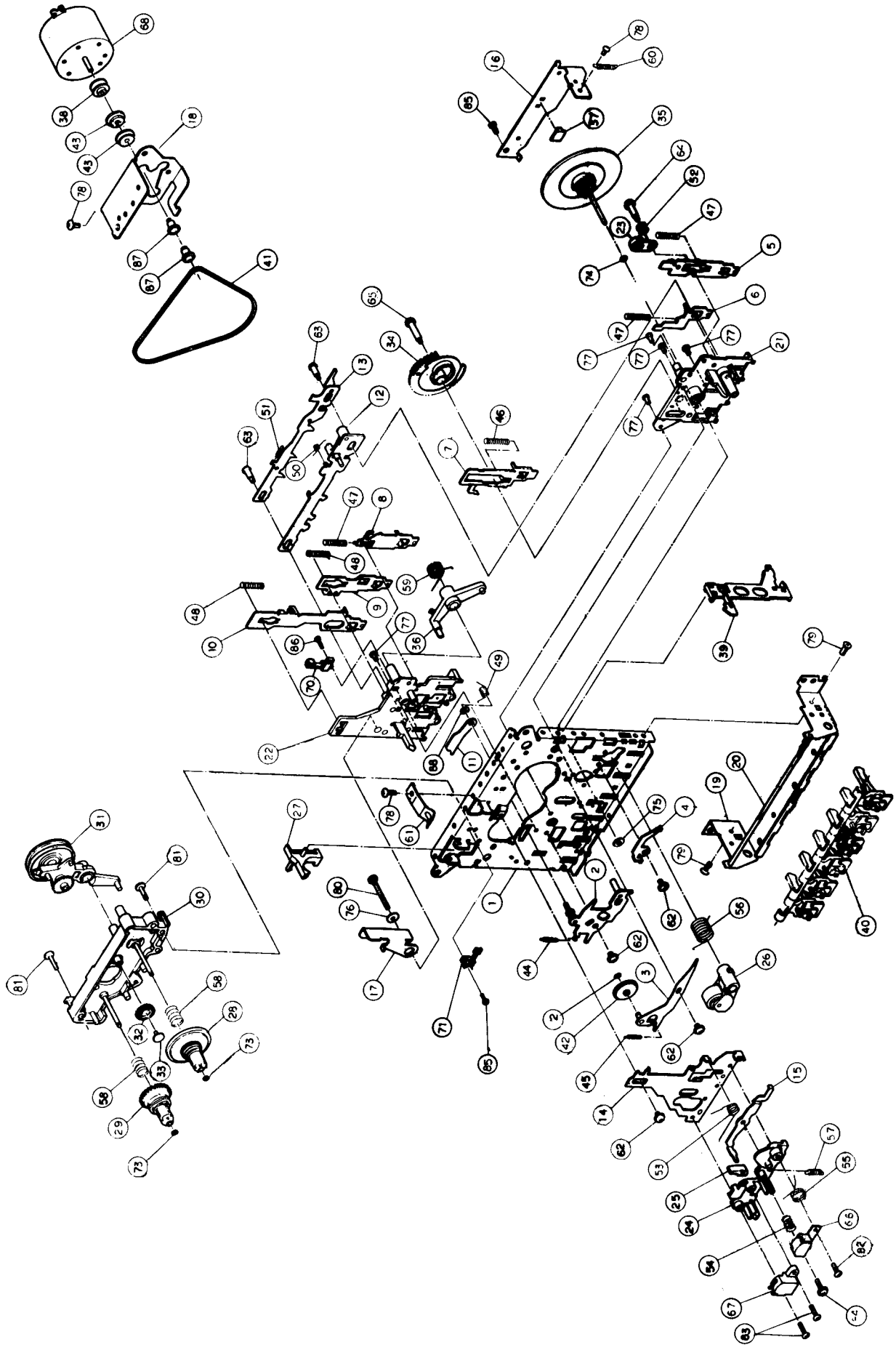


Verdrahtungsplan
Wiring diagram



Bestell-Nr./Part No.	Bezeichnung	Description	Position
2449300-5903	Frontteil	Front panel	A1
2449400-429	Skalenabdeckung	Dial window	A2
2449500-429	Anzeigeabdeckung	Indicator window	A3
2449600-4281	Knopf Abstimm	Tuning knob	A4
2449700-4284	Knopf Schieberegler	Volume knob	A5
2449800-4284	Knopf Schieberegler	Tone knob	A6
2449900-4282	Knopf Drucktaste	Function button	A7
2450000-4282	Knopf Drucktaste Netz	Power button	A8
2450100-4251	Skalenscheibe	Dial plate	B2
2450200-429	Skalenzeiger	Dial pointer	B3
2450300-418	Abstimmachse	Tuning shaft ass'y	B7
1205300-4294	Seilrolle	Pulley	B10
2450400-4294	Seilrad	Dial drum	B15
1205600-416	Feder Seilrad	Dial drum spring	B16
1205700-4294	Skalenseil	Dial string	B17
2149100-4221	Abdeckhaube	Dust cover	B30
2450500-4295	Distanzstück	Dust cover spacer	B33
2450600-4294	Gelenkstück (R)	Joint (R)	B35
2450700-4294	Gelenkstück (L)	Joint (L)	B36
2148700-423	Gehäuse Boden	Bottom plate	B38
2148800-4151	Gehäuse Fuß	Gum foot	B39
2450800-429	Cassettenfach	Cass. case	C1
2450900-429	Cassettenfachdeckel R	Cass. window	C2
2451000-429	Cassettenfachdeckel L	Cass. window	C3
2451100-32831	A/W-Kopf	R/P head	C4
2451200-32831	Wiedergabekopf	Play back head	C5
2451300-32831	Löschkopf	Erase head	C6
2451400-328	Antriebsmotor	Cassette motor	C7
2451500-4282	Knopf-Taste (5)	Cass. key (A)	C8
2451600-4282	Knopf-Taste (4)	Cass. key (B)	C9
2451700-4282	Knopf-Taste (1)	Cass. key (C)	C10
2451800-4282	Knopf-Taste (1)	Cass. key (D)	C11
2451900-4213	Fachrückwand L	Cass. dust cover	C12
2452000-4213	Fachrückwand R	Cass. dust cover	C13
2452100-436	Rückwandaufkleber	Cassette check sheet	C14
2452200-4163	Feder Fachöffner	Cass. eject spring	C15
2452300-4164	Feder Cassettenfach	Cass. support spring	C16
2100100-501	Fachdämpfer	Damper ass'y	C17
2452400-4197	Dämpferhaken L	Damper hook L.	C19
2452500-4197	Dämpferhaken R	Damper hook R.	C20
2452600-4162	Feder A/W-Schieber	Rec. bar	C24
2452700-770	Lautsprecherbox 4 Ohm	Speaker ass'y	E9
2149700-213	Styropor 1422 (R)	Poly foam (R) (for set)	E12
2149800-213	Styropor 1422 (L)	Poly foam (L) (for set)	E13
2452800-213	Styropor 1422 (LB)	Poly foam (F) (for sp.)	E14
2452900-213	Styropor 1422 (LB)	Poly foam (B) (for sp.)	E15
2453000-212	FK 1422	Export carton	E18
2453100-3321	Buchse Antenne FM	Ant. socket	B42
2453200-3243	Netztrafo 1422	Power transformer	PT1
2455300-3291	Skalenlampe	Pilot lamp 9 V 85mA	P1.2
2455400-3324	Buchse Kopfhörer	Head phone	
2151300-3326	Buchse Microphon	Mic phone	
0809000-3325	Buchse Lautsprecher	Speaker din jack	DJ1

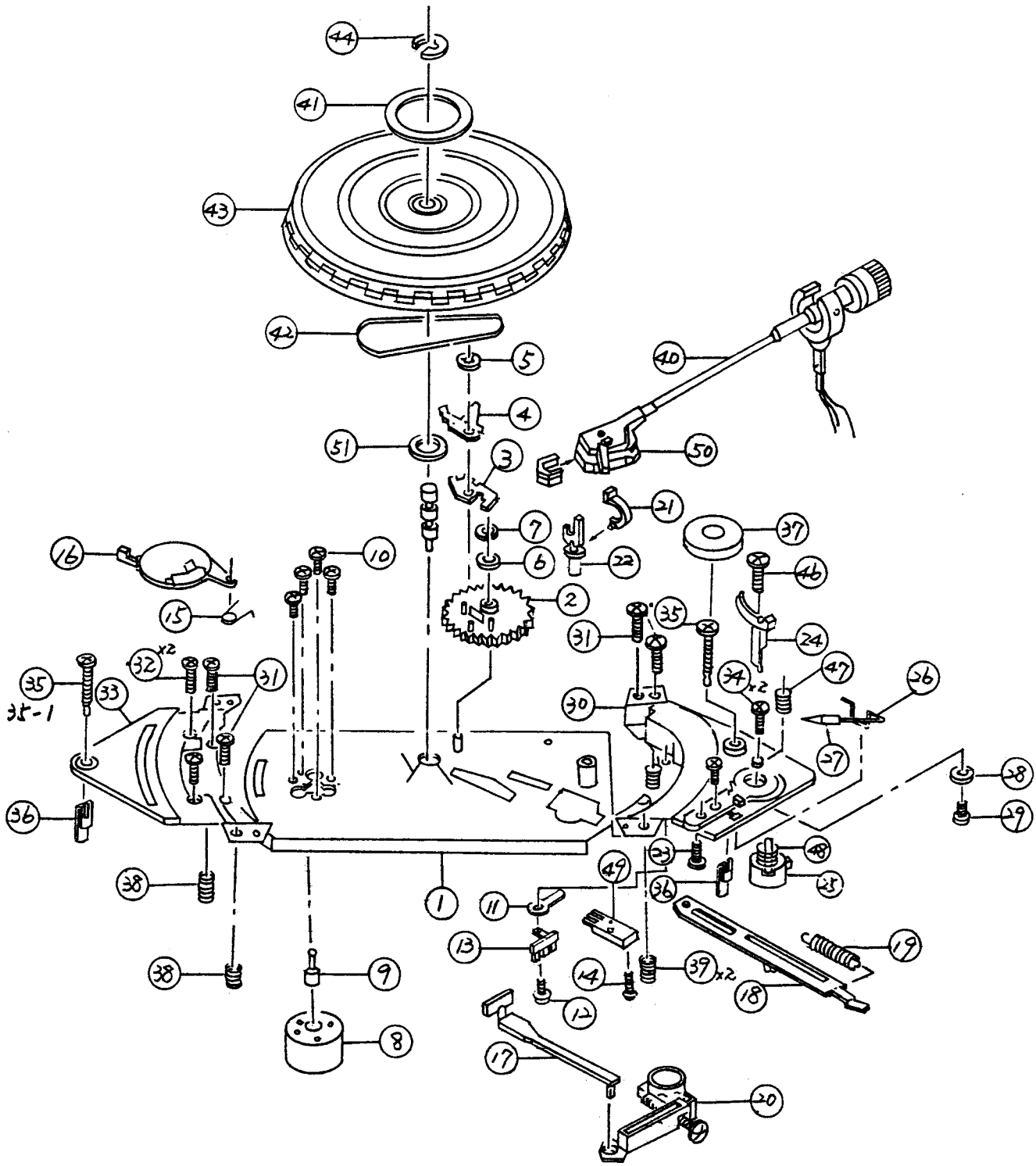
Explosionsdarstellung
Cassette
Exploded view cassette



Bestell-Nr./Part No.	Bezeichnung	Description	Position
2440600-429	Kopfträger	Head base	24
2440700-429	Abschaltfühler	Sensor cap	25
2440800-501	B/A-Rolle kpl.	P-Roller arm ass'y	26
2440900-4197	Aufnahmesperrhebel	Rec. sensor	27
2441000-429	Wickelteller R	T reel ass'y	28
2441100-429	Wickelteller L	S reel ass'y	29
2441200-429	Rutschkupplung	Clutch arm ass'y	31
2441300-429	Zahnrad	FF gear	32
2441400-429	Lagerbuchse	Bush	33
2441500-429	Steuerrad	Gear	34
2441600-4189	Schwungmasse	Flywheel ass'y	35
2441700-419	Sperrhebel	Lockarm	36
2441900-429	Motor Pully	Motor Pulley	38
2455500-501	Tasten-Hebel	Button lever	40
2442200-4152	Antriebsriemen Wiederg.-Mech.	Drive belt	41
2456000-4152	Antriebsriemen A/W-Mech.	Drive belt R/P mech.	41
2442300-429	Wiedergaberolle	Play Idler	42
2442400-4151	Motorbefestigung	Motor cushion	43
2442900-416	Druckfeder W-Kopf	Spring play	54
2443000-416	Drehfeder Kopfträger	Spring head base	55
2443100-416	Drehfeder B/A-Rolle	Spring P roller	56
2443300-416	Druckfeder Wickelteller	Spring T reel	58
2455600-32831	Wiedergabekopf	Play back head	66
2456100-32831	A/W-Kopf	R/P-Head	66
2456200-32831	Löschkopf	Erase head	67
2455700-32831	Antriebsmotor	Motor	68
2444000-327	Federschaltkontakt	Leaft Switch	70
2455800-4069	Kunststoff-Klemmscheibe	Polyslider washer	73
2442100-4152	Antriebsriemen Motor	FR belt	120

Explosionsdarstellung
Plattenspieler

Exploded view
player



Bestell-Nr./Part No.	Bezeichnung	Description	Position
2400000-49091	Plattenspieler kpl. Modell HP 5 D 209	Record player cpl.	
2400100-49091	Kurvenrad	Cam gear	2
2456300-49091	Antriebsmotor	Motor MMI-69 9 MK 6 DC 9 V	8
2400300-49091	Motor Pully	Motor Pulley	9
2400600-49091	Geschw.-Knopf	Belt shifter knob	16
2400700-49091	Umschalthebel	Trip lever	17
2401000-49091	Kontrollhebel	Control lever ass'y	20
2401100-49091	Klammer TA-Stütze	Lock	21
2401200-49091	TA-Stütze	Rest Post	22
2401300-49091	Liftarm	Lifter	24
2456400-49091	Liftmech.	Cup T. A. lifter	25
2401400-49091	Lifterhebel	Cue rod	26
2401500-49091	Knopf Lifthebel	Knob cue rod	27
2401800-49091	Transportsicherung	Mounting bolt	35
2401900-49091	Transportsich.-Feder	Clip mounting bolt	36
2402000-49091	Plattenpuck	Manuale 45 Adapter spindle	37
2402300-49091	Tonarm kpl.	Tone arm ass'y	40
2400400-49091	Zierring	Trim ring	41
2402500-49091	Antriebsriemen	Belt	42
2402600-49091	Plattenteller	Turntable ass'y	43
2402700-49091	Sicherungsring	E-ring TT	44
1226000-49087	Micro-Schalter K 1	Micro switch	49
0326300-4992	Keramik-System		50
0584100-4993	Abtastnadel		